

EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Shallow Soil Sample (0-2 ft)
- Shallow (0-2 ft) and Deep (4-5 ft) Soil Sample

Note:
Data Qualifiers: J = Estimated value.
J- = Estimated value - biased low.
J+ = Estimated value - biased high.



Approx. Scale in Feet

0 60 120

Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 6 DETECTED CONCENTRATIONS EXCEEDING ECOLOGICAL SCREENING LEVELS - SOUTH AREA SOIL

PROJECT: 1352	BY: ZGK	REVISIONS
DATE: DEC., 2009	CHECKED: KHT	

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EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Shallow (0-2 ft) Soil Sample
- ▲ Shallow (0-2 ft) and Deep (4+ ft) Soil Sample
- ⊠ Geotechnical Soil Boring

Notes:
1. Data Qualifiers: J = Estimated value.
J- = Estimated value, biased low.
2. BGS = below ground surface.



Approx. Scale in Feet

0 60 120

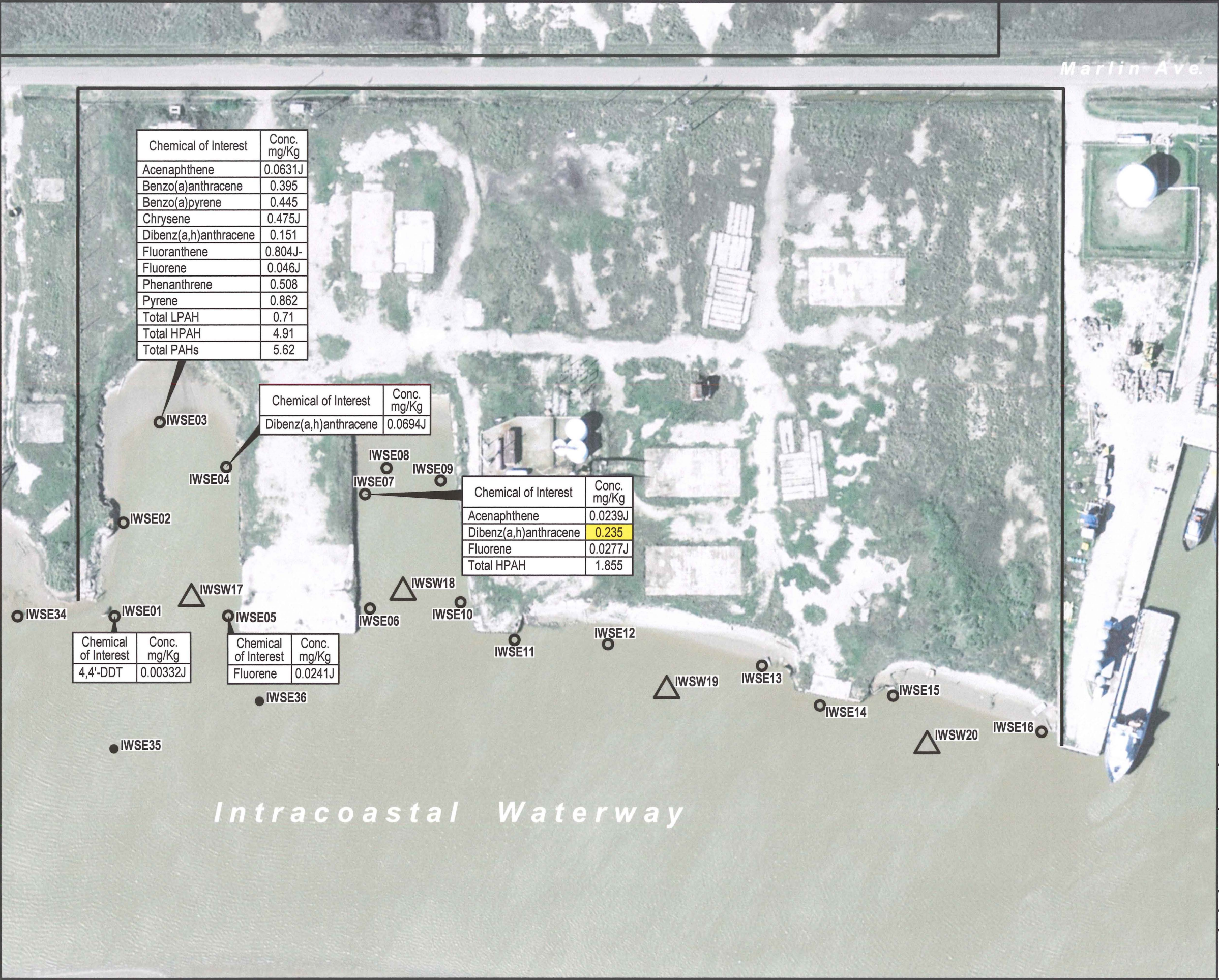
Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 7
**DETECTED CONCENTRATIONS
EXCEEDING ECOLOGICAL
SCREENING LEVELS
- NORTH AREA SOIL**

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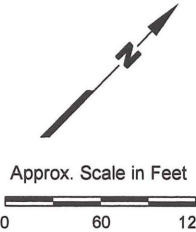
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EXPLANATION

- Gulfc0 Marine Maintenance Site Boundary (approximate)
- Intracoastal Waterway Sediment Sample
- Intracoastal Waterway Surface Water Sample
- Attempted Intracoastal Waterway Sediment Sample

Notes:
1. Data Qualifiers: J = Estimated value.
J- = Estimated value, biased low.
2. Total PAH concentrations were calculated using 1/2 of the sample detection limit as a proxy value for undetected PAHs.
3. Highlighted values exceed the midpoint of the TCEQ PCL and SEL; all other values listed in figure exceed the screening level.



Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 9
**DETECTED CONCENTRATIONS
EXCEEDING ECOLOGICAL
SCREENING LEVELS - INTRACOASTAL
WATERWAY SEDIMENT**

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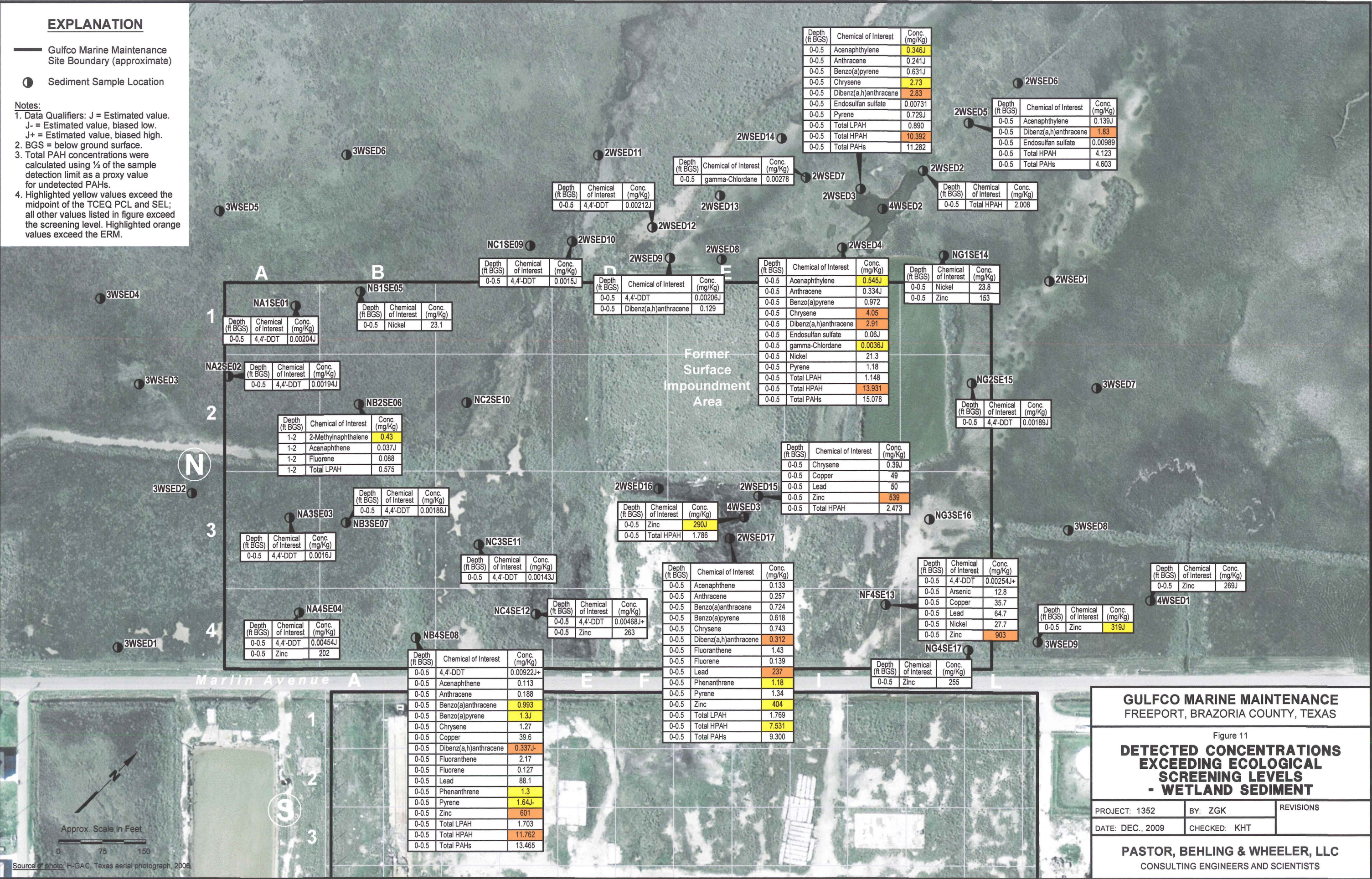
EXPLANATION

— Gulfco Marine Maintenance Site Boundary (approximate)

① Sediment Sample Location

Notes:

1. Data Qualifiers: J = Estimated value.
J- = Estimated value, biased low.
J+ = Estimated value, biased high.
2. BGS = below ground surface.
3. Total PAH concentrations were calculated using 1/2 of the sample detection limit as a proxy value for undetected PAHs.
4. Highlighted yellow values exceed the midpoint of the TCEQ PCL and SEL; all other values listed in figure exceed the screening level. Highlighted orange values exceed the ERM.





EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Pond Sediment Sample Location

Notes:
1. All samples from 0-0.5 ft depth interval.
2. Data Qualifiers: J = Estimated value.
3. Highlighted yellow values exceed the midpoint of the TCEQ PCL and SEL; all other values listed in figure exceed the screening level. Highlighted orange values exceed the ERM.



Approx. Scale in Feet

0 60 120

Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 12
**DETECTED CONCENTRATIONS
EXCEEDING ECOLOGICAL
SCREENING LEVELS
- PONDS SEDIMENT**

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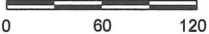
EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Wetland Surface Water Sample Location

Note:
Data Qualifier: J = Estimated value.



Approx. Scale in Feet



Source of photo: H-GAC, Texas aerial photograph, 2006.

GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 14
**DETECTED CONCENTRATIONS
EXCEEDING ECOLOGICAL
SCREENING LEVELS
- WETLAND SURFACE WATER**

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Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.0027J

FWPSW01

Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.0021J

FWPSW02

FWPSW03

Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.0029J

Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.00095J

SPSW01

Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.00094J

SPSW02

SPSW03

Chemical of Interest	Conc. (mg/L)
Dissolved Silver	0.0014J

EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- △ Pond Surface Water Sample Location

Note:
Data Qualifier: J = Estimated value.



Approx. Scale in Feet

0 60 120

Source of photo: H-GAC, Texas aerial photograph, 2006.

**GULFCO MARINE MAINTENANCE
FREEPORT, BRAZORIA COUNTY, TEXAS**

Figure 15
**DETECTED CONCENTRATIONS
EXCEEDING ECOLOGICAL
SCREENING LEVELS
- PONDS SURFACE WATER**

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